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**Part Number:** [0755177644](#)  
**Status:** **Active**  
**Overview:** GbX® Backplane Connector System  
**Description:** 5-Pair GbX® Backplane Connector System, Power Module, 10 Circuits, 1.27µm Gold (Au)

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

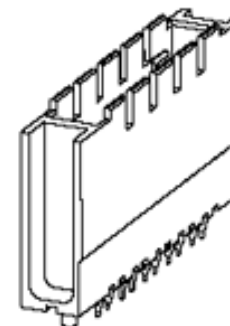
Product Family	Backplane Connectors
Series	75517
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 7.50mm, B 7.50mm, C 6.00mm, D 4.50mm, E 4.50mm
Component Type	Power Header
Overview	<a href="#">GbX® Backplane Connector System</a>
Product Name	GbX®
UPC	800756687988

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Circuits Detail	Rows A, B, C, D, & E
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	2.870/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.60mm
Pitch - Termination Interface	2.60mm
Plating min - Mating	1.270µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	6.0A
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Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[75517 Series](#)

**Mates With**

[75292 GbX® Daughtercard](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Insertion Module, 5-pair 1-Up Power Module	<a href="#">0622022007</a>
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Data Rate	8.0 Gbps
Real Signals (per 25mm)	48
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-75510-001
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